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(54) Instant-Return Pushbutton Switch

(57) [Abstract]

[Purpose] Provide an instant-return pushbutton switch that enables the setting of an almost constant load when pushing with a finger during a fixed stroke, immediately before inversion of an inversion spring, and that enables reliable operation that generates a clicking sense by holding the contact in the closed state, by reliably inverting an inversion spring without increasing the load on the finger.

[Constitution] A handle 2 supported by a shaft at one end is pressure-operated by a finger; an inversion spring 4 is inverted by pressing down a plate spring 5 provided with the inversion spring 4 and a movable contact 3 on the free end side; and the contact is closed by contacting the movable contact 3 with the stationary contact 6 within the main unit 1a; a supporting projection 2a that supports the movable contact 3 is furnished on a handle 2; a plunger projection 2b is provided nearer the shaft than the movable contact; and during the pressure operation, while the movable contact 3 is depressed and supported by the support projection 2a, the belly part of the plate spring 5 is depressed by the plunger projection 2b to forcibly invert the inversion spring 4, thereby causing the movable contact 3 to contact and be supported by the stationary contact 6.

